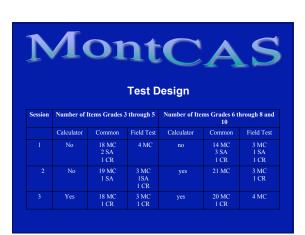
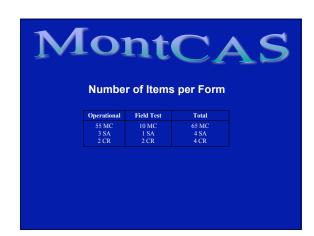
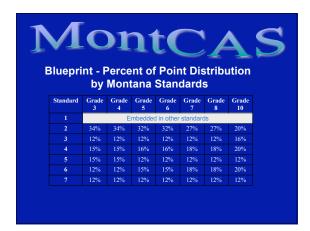
The Bear

A bear, starting at point A, walks one mile south, then turns and walks one mile east, then turns again and walks one mile north and arrives back at point A.

What color is the bear?





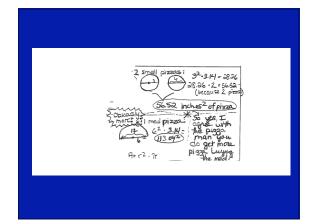


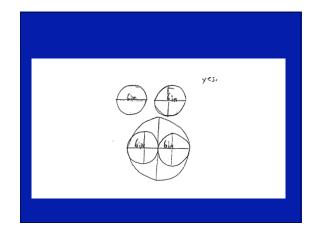
- Is the content of the item correct?
- Is the item aligned to the standard?
- Is the DoK coding correct?
- Is the item maximally accessible?
- Is the item developmentally appropriate?

5 Big Questions

- Is the content of the item correct?
- Is the item aligned to the standard?
- Is the DoK coding correct?
- Is the item maximally accessible?
- Is the item developmentally appropriate?

PRONTO PIZZA 6. Cathy and Ton placed an order for 2 individual round pizzas at Pronto Pizza. When their order was delivered they received one round medium pizza. The delivery person explained that there was a shortage of 6-lack pizzas and that they would really have more gizza by getting the medium 11-lack pizza. Do you think the delivery person is correct. Justify your answer.





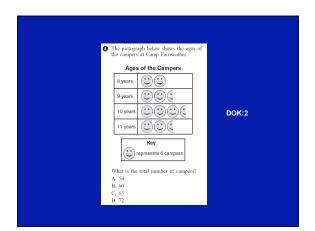
- Is the content of the item correct?
- Is the item aligned to the standard?
- Is the DoK coding correct?
- Is the item maximally accessible?
- Is the item developmentally appropriate?

Depth of Knowledge Levels

Recall Level 1 Level 2

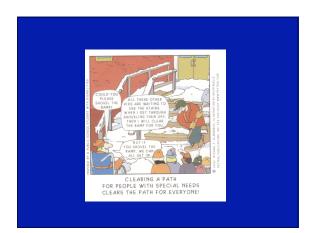
Skill/Concept
Strategic Thinking
Extended Thinking Level 3 Level 4

From the work of Norman Webb



C Students cold of	total of 130 bags of popcorn during a popcorn sale. Marge is making this						
Students sold a focal or 120 edges of popcorn airring a popcorn sale. Marge is maxing unis- protegraph to show the number of bags of popcorn sold on each day of the sale. The sales for Friday are missing.							
	Popcorn Sales						
Monday	B B B B B B						
Tuesday							
Wednesd	ay पिंड पिंड पिंड पिंड पिंड पिंड						
Thursday							
Friday							
	Key represents 5 bags of popocors						
How many your work or e	does Marge need to add to the pictograph to show Friday's sales? Show xplain how you know.						

- Is the content of the item correct?
- Is the item aligned to the standard?
- Is the DoK coding correct?
- Is the item maximally accessible?
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- Is the content of the item correct?
- Is the item aligned to the standard?
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Item Statistics

- Does the item behave as expected?
- Data provides clues about the item
- Item and data review is a judgment process

Item Difficulty

Multiple–Choice Items

Percent of students with a correct response.

0.00

1.00

Difficult

Easy

Constructed-Response Items

Average score on the item. Range is from 0.00 to 4.00

Item Discrimination

- How well an item separates higher performing students from lower performing students
- Range is from -1.00 to 1.00

Differential Item Functioning

DIF (F-M) – females compared to males who performed the same on the test are compared on their performance on the

- •positive number reflects females scoring higher
- •negative number reflects males scoring higher
- •NS means no significant difference

Steps in Item Development

- Passage Selection
- Bias Review of Passages
- Item Writing
- Internal Review
- Revisions
- Committee Review
- Revisions
- Bias Review of Items
- Revisions Item Selection
- Field Testing
- Review of Statistics
- Acceptance into Operational Item Pool

